Index of Claims

| Application/Control No | App | licatio | n/Cor | ntrol | No |
|------------------------|-----|---------|-------|-------|----|
|------------------------|-----|---------|-------|-------|----|

09/751,841

Examiner

Khanh Dang

Applicant(s)/Patent under Reexamination

HEITKAMP ET AL.

Art Unit

2111

| √ | Rejected |
|----------|----------|
| 1 | Allowed |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| Z | Non-Elected |
|---|--------------|
| _ | Interference |

| A | Appeal |
|---|----------|
| o | Objected |

| Cla | im | Date | | | | Claim Date | | | | | | | | | \neg | Г | Cli | aim | Date | | | | | | | | | | | |
|----------|----------|--------------|--|-----------------|----------|------------|--|----------|----------------|----------|----------|-------------|----------|----------|---------------|---------|---------|---------|-----------|--|-----------------|--------------|--------|------------|----------|----------|----------------|----------|----------|--------|
| -" | | 4 | Γ | П | Ť | Ť | $\bar{\Box}$ | | | \dashv | | $\neg \neg$ | \neg | Т | $\neg \vdash$ | \neg | Ť | Ť | Т | П | \dashv | | J., | | П | | | Ť | Ť | \neg |
| Final | Original | 41515 | | | | | | | | | Final | | Criginal | | | | | | | | | - | רווימו | Original | | | | | | |
| i i i | Ö | ءَ ا | | | | | | | | | į iE | 8 | 5 | | | - | | | | | | ü | ī | Ö | | | | | | |
| <u> </u> | | | <u> </u> | \sqcup | _ | _ | | _ | | _ | - 1 | | L | 4 | 4 | \perp | ┸ | ↓ | ┸ | <u> </u> | _ | | | | _ | \perp | _ | _ | 4 | |
| | 1 | 1 | <u> </u> | Ш | _ | _ | | | Ш | _ | <u> </u> | 5 | | + | \bot | \perp | + | ╀ | ╄- | <u> </u> | Ц | | | 101 | _ | _ | _ | _ | \dashv | _ |
| 2 | 2 | H | <u> </u> | \vdash | | _ | _ | | Ш | _ | · | 5 | | + | + | + | + | + | + | ┞ | Н | \vdash | _ | 102 | | - | \dashv | - | _ | _ |
| 3 | 3 | H | <u> </u> | | _ | _ | | _ | _ | _ | ļ | 5 | | + | | + | +- | \perp | | ऻ | Н | <u> </u> | | 103 | _ | _ | _ | _ | - | _ |
| 4 | 4 | Н | ├- | \vdash | - | \dashv | | _ | Н | | | 5 | | + | + | | + | ╀ | + | ₩ | \vdash | - | | 104 | \dashv | \dashv | \dashv | \dashv | + | _ |
| 5 | 5 | H | | \vdash | | _ | _ | | | ᅴ | <u> </u> | 5 | | - | - | - - | + | ╀ | +- | ₩ | Н | <u> </u> | _ | 105 | | - | | \dashv | \dashv | _ |
| 6 | 7 | H | ⊢ | ⊢ | \dashv | \dashv | | _ | Н | ᅴ | - ├ | 5 | | + | + | + | + | ╀ | + | - | Н | <u> </u> | | 106 | \dashv | - | \dashv | -+ | - | _ |
| 7 | 8 | ╁ | ├ | ┝╌┼ | \dashv | - | | - | | \dashv | - | 5 | | + | + | + | ╁ | ╁ | ╁╌ | ├ | Н | \vdash | | 107 | \dashv | \dashv | | | \dashv | _ |
| 8 | 9 | ╫ | ⊢ | ⊢ | \dashv | | | \vdash | \vdash | \dashv | - | 5 | | + | + | + | ╁ | ╁ | ╀ | ├ | | \vdash | | 108 109 | \dashv | ┪ | ᅱ | - | \dashv | |
| 10 | 10 | ┼╂╴ | ├ | ├─┼ | \dashv | - | | | \vdash | \dashv | - | 6 | | + | +- | ╫ | ┿ | ╁ | +- | ╁ | \dashv | \vdash | | 110 | -+ | | | \dashv | + | _ |
| — | 11 | ╁ | ├ | ┤┤ | \dashv | | _ | | \vdash | \dashv | - | 6 | | + | + | + | ╁ | ╁ | ╁ | ┢ | \dashv | \vdash | _ | 111 | | -+ | \dashv | - | \dashv | _ |
| 11 | 12 | ╁╂ | \vdash | \vdash | \dashv | | H | \vdash | \vdash | \dashv | - | 16 | _ | + | + | + | + | + | + | \vdash | Н | - | | 112 | ᅥ | \dashv | | \dashv | + | _ |
| 13 | 13 | + | \vdash | $\vdash \vdash$ | \dashv | \vdash | \vdash | | H | \dashv | - | 6 | | + | + | + | + | +- | +- | ╁╌ | H | - | | 113 | \dashv | - | | | + | - |
| | 14 | ╁ | \vdash | $\vdash \vdash$ | \dashv | \vdash | \vdash | \vdash | \vdash | \dashv | | 6 | | + | + | + | + | + | + | +- | H | \vdash | - | 114 | \dashv | \dashv | \dashv | \dashv | + | |
| 14 | 15 | | | \vdash | \dashv | \vdash | | Г | H | \dashv | - | 6 | | 十 | + | 十 | + | + | ╁ | \vdash | H | \vdash | | 115 | \dashv | \dashv | \dashv | \dashv | + | _ |
| 12 | 16 | | \vdash | \vdash | \neg | | \vdash | | Н | \dashv | | 6 | | \dashv | \top | \top | + | \top | †- | | \vdash | \vdash | | 116 | \neg | _ | \dashv | _ | \dashv | _ |
| 17 | 17 | H | T | \vdash | ヿ | | | | | ᅱ | | 6 | | 十 | \top | 十 | + | + | \dagger | \vdash | Н | | | 117 | 寸 | 寸 | 寸 | \dashv | \dashv | _ |
| 18 | 18 | H | T | \Box | \neg | | | | | \neg | | 6 | | 十 | \top | ╅ | + | +- | + | | \Box | | | 118 | T | 一 | + | _ | 十 | _ |
| 19 | 19 | # | | | _ | | _ | | П | ᅥ | | 6 | | T | Ť | T | \top | 1 | † | | $\vdash \vdash$ | | | 119 | | 一 | _ | | 十 | _ |
| 20 | 20 | H | T | \Box | ヿ | | | | H | \neg | | 7 | | T | Ť | Ť | \top | \top | 1 | 1 | П | | _ | 120 | ┪ | 寸 | $\neg \dagger$ | \dashv | \neg | _ |
| 21 | 21 | | ļ | П | T | | | | | | | 7 | 1 | 1 | T | T | \top | 1 | T | | П | | | 121 | 寸 | ヿ | ╗ | ヿ | \neg | _ |
| 22 | 22 | 1 | | П | | | | | | | | 7 | | T | T | T | \top | 1 | Ť | \vdash | | | | 122 | 寸 | | | | ヿ | |
| 23 | 23 | П | Г | П | ij | | | | | | | 7 | 3 | T | T | T | | 1 | 1 | | П | | | 123 | | | - | | | |
| 24 | 24 | П | | П | T | | | | | | | 7 | 4 | ╗ | Т | | ┰ | Τ | 1 | | | | | 124 | T | | | | \neg | |
| | 25 | | | П | | | | | | | | 7 | 5 | | Т | T | \top | Т | 1 | | | | | 125 | T | T | | T | T | _ |
| 26 | 26 | \prod | | | | | | | | | | 7 | 6 | | | | | | Γ | | | | | 126 | | | | | | |
| 27 | 27 | \prod | | | | | | | | | | 7 | 7 | | | | | | | | | | | 127 | | | | | \Box | |
| 28 | 28 | П | <u> </u> | Ш | | | | | | | | 7 | | | | | | | | | | | | 128 | | | | | | |
| 20 | 29 | V | L | Ш | | | | | Ш | _ | | 7 | | | 丄 | 丄 | \perp | \perp | \perp | ot | Ш | L | | 129 | \perp | | _ | | | |
| - (| 30 | 1_ | | Ш | | | | | Ш | | | 8 | _ | ᆚ | \perp | ┸ | ┸ | \perp | | L | Ш | L | | 130 | | _ | | | \perp | |
| | 31 | _ | _ | \sqcup | _ | | | | Щ | _ | <u> </u> | 8 | | \perp | \perp | 4 | \bot | 1_ | 1_ | L | Ш | L | | 131 | _ | _ | | _ | _ | |
| <u> </u> | 32 | <u>_</u> | <u> </u> | \sqcup | _ | | L_ | _ | Ш | | | 8 | | _ _ | _ | ┸ | _ | \perp | _ | <u> </u> | Ц | | | 132 | _ | _ | _ | | \dashv | |
| <u></u> | 33 | <u> </u> | \vdash | \sqcup | _ | \Box | | <u> </u> | _ | \dashv | | 8 | | \perp | \perp | ┵ | 4- | + | \bot | <u> </u> | Щ | <u> </u> | | 133 | | _ | \dashv | _ | _ | |
| <u> </u> | 34 | <u> </u> | L | \sqcup | | | L | - | Щ | 4 | | 8 | | \dashv | 4 | _ | + | 4- | ╄ | ـ | Н | <u> </u> | | 134 | _ | _ | _ | _ | _ | |
| \vdash | 35 | | ├- | $\vdash \vdash$ | _ | _ | <u> </u> | | Щ | | - | 8 | | _ | 4 | | + | + | 4 | ₩ | Щ | \vdash | | 135 | _ | _ | | _ | \dashv | |
| <u> </u> | 36 | \vdash | _ | $\vdash \vdash$ | | \dashv | _ | <u> </u> | Ш | 4 | <u> </u> | 8 | | 4 | + | - - | + | + | + | - | Ш | | - | 136 | | - | | - | \dashv | |
| - | 37 | \vdash | ⊢ | $\vdash \vdash$ | - | \dashv | - | - | \vdash | _ | - | 8 | | + | + | + | + | + | + | ├ - | \vdash | <u> </u> | | 137 | | - | | | - | _ |
| - | 38 | \vdash | ├ | \vdash | | - | <u> </u> | - | $\vdash\vdash$ | | | 8 | | + | + | + | + | + | +- | ├- | Н | <u> </u> | | 138 | | | \dashv | - | \dashv | _ |
| - | 39 | \vdash | ├ | \vdash | - | | _ | \vdash | \vdash | \dashv | - | 8 | | + | + | + | +- | + | +- | \vdash | Н | - | | 139 | | \dashv | | - | \dashv | |
| - | 40 41 | +- | \vdash | $\vdash \vdash$ | \dashv | \dashv | <u> </u> | | \vdash | \dashv | - | 9 | | + | + | + | + | + | +- | +- | Н | - | _ | 140 | \dashv | \dashv | \dashv | \dashv | + | _ |
| - | 42 | - | ⊢ | ┞╌┤ | \dashv | | | \vdash | \vdash | \dashv | - | 9 | | + | + | + | + | + | + | ⊢ | Н | - | | 141 142 | \dashv | | \dashv | \dashv | \dashv | _ |
| | 43 | \vdash | ┢ | ┢┼ | \dashv | \dashv | \vdash | \vdash | \vdash | ᅱ | - | 9 | 3 | ┰ | + | + | +- | +- | ╁ | \vdash | Н | - | | 143 | \dashv | \dashv | | - | + | _ |
| - | 44 | ├- | \vdash | $\vdash \vdash$ | \dashv | - | H | - | \vdash | \dashv | - | 9 | | + | + | + | + | + | + | \vdash | H | \vdash | | 144 | \dashv | \dashv | -1 | \dashv | + | _ |
| — | 45 | \vdash | \vdash | $\vdash \vdash$ | - | - | | | Н | ᅱ | - | 9 | | + | + | + | +- | + | +- | \vdash | Н | \vdash | | 145 | \dashv | \dashv | \dashv | ᅱ | \dashv | - |
| \vdash | 46 | ╁ | \vdash | \vdash | | \dashv | | | - | \dashv | - | 9 | | + | ╅ | + | + | + | + | \vdash | Н | <u> </u> | | 146 | \dashv | - | | | 十 | _ |
| | 47 | \vdash | \vdash | $\vdash \vdash$ | + | \dashv | | | H | \dashv | | 9 | | + | + | + | + | +- | +- | t- | H | \vdash | | 147 | \dashv | \dashv | - | ᅱ | + | _ |
| | 48 | ┢ | | \vdash | \dashv | \dashv | | - | H | \dashv | - | 9 | | 十 | + | + | + | +- | †- | 1 | Н | | | 148 | - | | | \dashv | \dashv | _ |
| | 49 | t^- | Т | H | \dashv | \neg | \vdash | | Н | \dashv | | 9 | | \top | + | + | \top | + | \dagger | | \dashv | - | | 149 | \dashv | - | \dashv | \neg | \dashv | _ |
| | 50 | \vdash | \vdash | \vdash | _ | \neg | | Н | Н | \dashv | <u> </u> | 10 | | + | + | \top | + | + | +- | 1 | Н | | _ | 150 | 寸 | + | \dashv | -1 | 十 | |
| Ь | | Щ_ | _ | ᆫᆚ | | | | | ليب | | | ٠., | ٠- ١ | | | | | | | | ڀ | | | 100 | | | | 1 | | _ |